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The new interface and associated data reformatting between host application 121 and second client device 180 continues as long as the user operates host application 121 or until TeleShaper application 150 is disabled.

Another use for process **300** is to provide a rapid means of creating an alternate interface to a Web site when communication between host application **121** and second client device **180** is a known protocol, such as HTML, XML, etc.

Other embodiments of the invention will be apparent to those skilled in the art from a consideration of the specification or practice of the invention disclosed herein. It is intended that the specification and examples be considered as exemplary only, with the true scope and spirit of the invention being indicated by the following claims.

What is claimed is:

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1	1.	A trainable system for providing a new client interface to an existing application,
2		comprising:
3		
4		a shaper computer operating a trainable user interface translator
5		application and further comprising and storing a shaper rule set and data
6		packet format maps identifying data formats acceptable to a host
7		application, and an auxiliary database for storing training data sets;
8		
9		a training terminal electrically connected to the shaper computer for
10		establishing the shaper rule set and data packet format maps during a
11		training session;
12		
13		a host computer electrically connected to the shaper computer and a first
14		client device operating first client software, the host computer operating
15		the host application, thereby generating data streams to and from the first
16		client software that may be monitored and analyzed by the shaper
17		computer to establish the shaper rule set and data packet format maps;
18		
19		a second client device electrically connected to the shaper computer upon
20		which a new client interface is implemented;
21		
22		wherein the shaper computer communicates user data between the new
23		client interface and the host application, whereby the trainable user
24		interface translator application remaps the user data according to the data
25		packet format maps defined during the training session and transmits the
26		remapped user data to the second client device for presentation in the new
27		client interface.

1	2.	The trainable system of claim 1, wherein one or more of the electrical connections
2		are implemented on one or more networks.
3		
4	3.	The trainable system of claim 1, wherein one or more of the electrical connections
5		are direct connections.
6		
7	4.	The trainable system of claim 1, wherein the host computer and the first client
8		device are the same computer.
9		
10	5.	The trainable system of claim 1, wherein the shaper computer and the second
11		client device are the same computer.
12		
13	6.	In a trainable system comprising a shaper computer operating a trainable user
14		interface translator application and storing data packet format maps, a training
15		terminal electrically connected to the shaper computer, a host computer
16		electrically connected to the shaper computer and a first client device, further
17		comprising a data storage device and operating a host application, thereby
18		generating streams of data packets to and from the first client device, and a
19		second client device electrically connected to the shaper computer, a method of
20		training the trainable system to provide a new client interface to the host
21		application, comprising the steps of:
22		
23		selecting training data sets designed to fully exercise the host application;
24		
25		entering a training data set into the trainable user interface translator
26		application;
27		
28		operating the trainable user interface translator application via the training
29		terminal and first client device to exercise the host application to generate

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l		streams of data packets between the host application and the first client
2		device;
3		
4		analyzing the format of the data packets to create packet maps and storing
5		the packet maps;
6		
7		entering new training data via the training terminal into the trainable user
8		interface translator application, which creates modified data packets
9		according to the packet maps and transmits the modified data packets to
10		the host computer, which in turn updates data stored in the data storage
11		device and generates response data packets;
12		
13		exercising the host application via the first client device to review the
14		presence of updated data;
15		
16		repeating the steps above with data expected to create exceptions and
17		errors in the operation of the host application; and
18		
19		determining if all data packet formats have been mapped, and if not
20		repeating the steps above.
21		
22	7.	In a trained system comprising a shaper computer operating a trainable user
23		interface translator application and storing data packet format maps, a training
24		terminal electrically connected to the shaper computer, a host computer
25		electrically connected to the shaper computer and a first client device, and
26		operating a host application, thereby generating streams of data packets to and

from the first client device, and a second client device electrically connected to

the shaper computer, a method of using the trained system for providing a new

client interface to the host application, comprising the steps of:

1	
2	designing and implementing a new client interface on the second client
3	device;
4	
5	starting via the training terminal the trainable user interface translator
6	application;
7	
8	operating the second client device to communicate with the host
9	application via the shaper computer, which remaps data packets
10	transmitted from the host application according to the data packet format
11	maps and forwarding remapped data packets to the second client device
12	for presentation in the new client interface; and
13	
14	determining whether to continue using the new client interface, and if so,
15	reverting to the previous step.
16	